## 09-04-01

## EL906754P330Z

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PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032

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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. PA1589US

First Inventor Philip Pines, et al.

SYSTEM AND METHOD FOR MEASURING
SAMPLE ARRIVAL RATES ON ...

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No. EL906129637US

APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.  ADDRESS TO:  Assistant Commissioner for Patents Box Patent Application Washington, DC 20231  7.	4 2 2 1 1 2	The applications and of the first field	//	3 Wall Label IVO.	-1-11-0-				
1.   X   General Transmittal Form (e.g., PTO/SB/17)   CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)   Applicant claims small entity status.   Specification   Total Pages   26   1   Computer Received Arrangement set from bolow   Descriptive title of the invention   Cross Reference to Related Applications   Statement Regarding Fed sponsored R & D   Reference to sequence listing, a table, or a computer program listing appendix   Background of the invention   Description   Desc	1		DRESS TO: BO	x Patent A	Applica	ition			
Computer Program (Appendix)   Computer Program (Appendix)   Source Program (Appendix	Fee Transmitted From Ann BEO(DD ME)								
2. Septiment cutains sinal and street	1. Submit an original and of	i duplicate for fee processing)	7				ge table or		
Computer Readable Form (CRF)			8. Nı	Computer Program (Appendix)  8 Nucleofide and/or Amino Acid Seguence Submission					
Computer Neadable From (CNF)		See 37 CFR 1.27.			(if applicable, all necessary)				
- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Disclosure  4.	3. preferred arrangement	nt set forth below)							
Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure  A. Improvement of the Disclosure  Information Disclosure  Copy from a prior application of 37 CFR 1.63 (d))  (Information Disclosure of Copy of Priority Document (IDS))  A. Improvement of the Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Copy of Priority Document (IDS)  A. Improvement of Disclosure of Disclosure of the Prior application Request under St. Inc.  A. Im			b.	Specification Sequence	e Listing o	n:			
or a computer program listing appendix Background of the Invention Brief Summary of the Invention Claim(s) Detailed Description Claim(s) Abstract of the Disclosure  4.	- Statement Reg				i. CD-ROM or CD-R (2 copies); or				
Contributer program issing appendix  Background of the Invention  Brief Summary of the Invention  Brief Description of the Drawings (if filed)  Brief Description of the Drawings (if filed)  Brief Description  Calam(s)  Abstract of the Disclosure  ALIM Drawing(s) (35 U.S.C. 113)    Total Sheets   7   1		<ul> <li>Reference to sequence listing, a table,</li> </ul>			🗖				
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4.	or a computer   - Background of	program listing appendix	c		vina identi	tv of at	hove conies		
- Detailed Description - Claim(s) - Claim(s) - Abstract of the Disclosure  4.	- Brief Summary	of the Invention							
- Claim(s) - Abstract of the Disclosure  4.									
Attorney  1.		iption	9. [			sheet 8			
5. Oath or Declaration	- Abstract of the	Disclosure	10.			, L			
a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Data Sheet under 37 CFR 1.76:  Continuation: Examiner Group Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently or mitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  X Customer Number or Bar Code Label  Name  Parent (IDS)/PTO-1449 Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. (If trofield Copy of Priority Document(s) (Fortified Copy of Priority Document(s) (Including priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(1), Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application No	4. 🗶 Drawing(s) (35 L	J.S.C. 113) [ Total Sheets 7	]   11.			ent (if a	• •		
b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d))  Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)  Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)  Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)  Signed statement attached deleting inventor(s) named in the prior application see 37 CFR 1.63 (d)  15. Cartilled Copy of Priority Document(s) (if foreign priority is claimed)  16. (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation-in-part (CIP)  Prior application information:  Examiner  Group Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  X Customer Number or Bar Code Label  Insert Customer Number or Bar Code Label  Registration No. (Attorney/Agent) P-48,890  Simulation Requests under 35 U.S.C. 122 (b)(2)(B)(B)(B)(B)(B)(B)(B)(B)(B)(B)(B)(B)(B)	5. Oath or Declaration [ Total Pages ]			113					
14. Should be specifically itemized)  15. Gretified Copy of Priority Document(s) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   of prior application No:   Prior application information: Examiner   Examiner   Eroc CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.    Customer Number or Bar Code Label   Inseet Code Inseed									
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) Prior application Data Sheet under 37 CFR 1.76:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box Sb, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  X Customer Number or Bar Code Label  PATENT TRADEMARK OFFICE  Address  City  State  Zip Code  Country  Feric A Dippel  Registration No. (Attorney/Agent) P-48,890	n     /for continuation/divisional wife n = 1 wife n =					503)			
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-In-part (CIP)   of prior application No:   / / / / / / / / / / / / / / / / / /	i. DELETION OF INVENTOR(S)  15 Certified Copy of Priority Document(s)				ent(s)				
6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of pnor application No:  Prior application information: Examiner  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  X Customer Number or Bar Code Label Insert Customer Number or Bar Code Label Insert Customer Number or Bar Code Label Insert Customer Number or Bar Code Label Registration No. (Attorneyl Agent) P-48,890  Name (Printl Type) Eric A Dippel Registration No. (Attorneyl Agent) P-48,890	named in the prior application, see 37 CFR  16 Nonpublication Request under 35 U.S.C			U.S.C. 122					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of pnor application No.:  Prior application normation:  Examiner Group Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  X Customer Number or Bar Code Label (Insert Customer Number or Bar Code Label)  PATENT TRADEMARK OFFICE  Address  City State Zip Code  Country Telephone Fax  Name (Printl Type)  Eric A Dippel Registration No. (Attorney/Agent) P-48,890	. —	or its equivalent.					101111 - 1 0/36/33		
or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of pnor application No.:  Prior application information:  Examiner Group Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  IN Customer Number or Bar Code Label  Insert Customer Customer Number or Bar Code Label  PATENT TRADEMARK OFFICE  Address  City State Zip Code  Country Telephone Fax  Name (Printl Type) Eric A Dippel Registration No. (Attorney/Agent) P-48,890	, application bala	5   Application Data Sheet See 37 CED 1.76					••••••		
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Name  22830  PATENT TRADEMARK OFFICE  Address  City  State  Telephone  Fax  Name (Print/Type)  Eric A Dippel  Registration No. (Attorney/Agent)  P-48,890		19. CORRESPO	NDENCE ADI	RESS					
Name  22830  PATENT TRADEMARK OFFICE  Address  City  State  Zip Code  Country  Telephone  Fax  Name (Print/Type)  Eric A Dippel  Registration No. (Attorney/Agent)  P-48,890	Customer Number or Bar Code Label  (Insert Customer Via to Label (Insert Customer Via to Label (Insert Customer Via to Label Via to Lab								
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Simple	Name (Print/Type)	Eric A Dippel	Reg	istration No. (Attorne	ey/Agent)	P-48	3,890		
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## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** 

(\$) 1,076.00

Complete if Known			
Application Number	Unknown		
Filing Date	On even date herewith		
First Named Inventor	Philip Pines, et al.		
Examiner Name	Unknown		
Group Art Unit	Unknown		
Attorney Docket No.	PA1589US		

METHOD OF PAYMENT	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge indicated fees and credit any every property to	3. ADDITIONAL FEES					
Deposit Deposit	Large Small					
Account Number 06-0600	Entity Entity  Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe					
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Account Name Carr & Ferrell, LLP	105 130 205 65 Surcharge - late filing fee or oath					
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet					
Applicant claims small entrty status.	139 130 139 130 Non-English specification					
See 37 CFR 1.27  2. Payment Enclosed:	147 2,520 147 2,520 For filing a request for ex parte reexamination					
Money D	112 920* 112 920* Requesting publication of SIR prior to					
Check Credit card Order Other	Examiner action  113 1,840* 113 1,840* Requesting publication of SIR after					
FEE CALCULATION	Examiner action					
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month					
Large Entity Small Entity	116 390 216 195 Extension for reply within second month					
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 890 217 445 Extension for reply within third month					
101 710 201 355 Utility filing fee 710	118 1,390 218 695 Extension for reply within fourth month					
106 320 206 160 Design filing fee	128 1,890 228 945 Extension for reply within fifth month					
107 490 207 245 Plant filing fee	119 310 219 155 Notice of Appeal					
108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal					
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing					
SUBTOTAL (1) (\$)710	138 1,510 138 1,510 Petition to institute a public use proceeding					
	140 110 240 55 Petition to revive - unavoidable					
2. EXTRA CLAIM FEES Fee from	141 1,240 241 620 Petition to revive - unintentional					
Extra Claims below Fee Paid  Total Claims 27 - 20 = 7 x 18 = 126	142 1,240 242 620 Utility Issue fee (or reissue)					
Total Claims 27 - 20 = 7 x 18 = 126   Independent 6 - 3 = 3 x 80 = 240	143 440 243 220 Design issue fee					
Claims 0 - 3 = 0   X   00   = 240   Multiple Dependent = 0	144 600 244 300 Plant issue fee					
Multiple Dependent	122 130 122 130 Petitions to the Commissioner					
Large Entity Small Entity	123 50 123 50 Processing fee under 37 CFR 1.17(q)					
Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt					
Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)					
102 80 202 40 Independent claims in excess of 3  104 270 204 135 Multiple dependent claim, if not paid	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))					
104 270 204 135 Multiple dependent claim, if not paid  109 80 209 40 ** Reissue independent claims over original patent	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))					
110 18 210 9 ** Reissue claims in excess of 20	179 710 279 355 Request for Continued Examination (RCE)					
and over original patent	169 900 169 900 Request for expedited examination of a design application					
SUBTOTAL (2) (\$) 366	Other fee (specify)					
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SUBMITTED BY				Complete (r	Complete (if applicable)	
Name (Print/Type)	Eric A. Dippel	` _	Registration No. (Attorney/Agent)	P-48,890	Telephone	(650) 812-3400
Signature	TANK!	NU NU			Date	August 30, 2001

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